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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

*Complete if Known*

<b>Application Number</b>	10/622,088
<b>Filing Date</b>	Jul 18, 2003
<b>First Named Inventor</b>	Robert BENNETT
<b>Art Unit</b>	1648
<b>Examiner Name</b>	Horning, Michelle S.

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Attorney Docket No: IVGN 332

**US PATENT DOCUMENTS**

Examin er Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A1	09/177,387	Oct 23, 1998	Hartley, James L.		
A2	09/233,492	Dec 16, 2004	Hartley et al.		
A3	09/296,280	Aug 21, 2001	Hartley et al.		
A4	09/432,085	Nov 2, 1999	Hartley, James		
A5	09/438,358	Nov 12, 1999	Gerard et al.		
A6	09/498,074	Apr 13, 2004	Hartley et al.		
A7	09/518,188	Mar 2, 2000	Hartley, James		
A8	09/648,790	Aug 28, 2000	Hartley, James		
A9	09/695,065	Oct 25, 2000	Brasch, Michael		
A10	09/732,914	Dec 11, 2000	Cheo et al.		
A11	11/290,840	Dec 1, 2005	Gray et al.		
A12	200/20094574	Jul 18, 2002	Hartley et al.		
A13	2002/0162126	Oct 31, 2002	Beach et al.		
A14	2003/0054555	Mar 20, 2003	Farmer et al.		
A15	2003/0059764	Mar 27, 2003	Ravkin et al.		
A16	2003/0059900	Mar 27, 2003	Farmer, A. A.		
A17	2003/0064515	Apr 3, 2003	Hartley et al.		
A18	2003/0068799	Apr 10, 2003	Hartley et al.		
A19	2003/0077804	Apr 24, 2003	Byrd et al.		
A20	2003/0100110	May 29, 2003	Hartley et al.		
A21	2003/0102346	Jun 5, 2003	Chen, Mei-Lien		
A22	2003/0124555	Jul 3, 2003	Brasch et al.		
A23	2003/157662	Aug 21, 2003	Gerard et al.		
A24	2004/0040053	Feb 26, 2004	Nomura et al.		
A25	2004/0053412	Mar 18, 2004	Hartley et al.		
A26	2004/0132133	Jul 8, 2004	Bennett, R. P.		
A27	2004/0171157	Sep 2, 2004	Hartley et al.		
A28	2005/0009091	Jan 13, 2005	Hartley et al.		
A29	2005/0045941	Mar 3, 2005	Kurita et al.		
A30	2005/0069929	Mar 31, 2005	Chesnut et al.		
A31	2005/0095615	May 5, 2005	Welch et al.		
A32	2005/0104027	May 19, 2005	Lazarev, P. I.		
A33	2005/0156137	Jul 21, 2005	Overkemp et al.		
A34	2005/0176065	Aug 11, 2005	Hanson, G. T.		

**EXAMINER****DATE CONSIDERED**

GSA Schedule Disclosure Statement Form (ITFC-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 909. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

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(Use as many sheets as necessary)

Sheet	2	of	35	Attorney Docket No: IVGN 332
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**US PATENT DOCUMENTS**

Examiner Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A35	2005/0208530	Sep 22, 2005	Chesnut et al.		
A36	2006/0008817	Jan 12, 2006	Carrino et al.		
A37	2006/0035269	Feb 16, 2006	Hartley et al.		
A38	2006/0035272	Feb 16, 2006	Brasch et al.		
A39	2006/0073593	Apr 6, 2006	Byrd et al.		
A40	2006/0160077	Jul 20, 2006	Shuman, S.		
A41	2006/0204979	Sep 14, 2006	Gray et al.		
A42	2009/0186387	Jul 23, 2009	Hartley et al.		
A43	4,555,166	Nov 26, 1985	Enomoto, Masao		
A44	462,505	Nov 3, 1891	Parker et al.		
A45	4,661,450	Apr 28, 1997	Kempe et al.		
A46	4,745,051	May 17, 1988	Smith et al.		
A47	4,795,699	Jan 3, 1989	Tabor et al.		
A48	4,797,368	Jan 10, 1989	Carter et al.		
A49	4,800,159	Jan 24, 1989	Mullis et al.		
A50	4,873,191	Oct 10, 1989	Wagner et al.		
A51	4,889,818	Dec 26, 1989	Gelfand et al.		
A52	4,962,020	Oct 9, 1990	Tabor et al.		
A53	4,987,071	Jan 22, 1991	Cech et al.		
A54	5,047,342	Sep 10, 1991	Chatterjee, Deb K.		
A55	5,079,352	Jan 7, 1992	Gelfand et al.		
A56	5,162,209	Nov 10, 1992	Scheele et al.		
A57	5,173,411	Dec 22, 1992	Tabor et al.		
A58	5,244,797	Sep 14, 1993	Kotewicz et al.		
A59	5,258,294	Nov 2, 1993	Boyle et al.		
A60	5,270,170	Dec 14, 1993	Schatz et al.		
A61	5,270,179	Dec 14, 1993	Chatterjee, Deb K.		
A62	5,283,173	Feb 1, 1994	Fields et al.		
A63	5,345,668	Sep 13, 1994	Scribner, C. J.		
A64	5,409,818	Apr 25, 1995	Davey et al.		
A65	5,434,049	Jul 18, 1995	Okano et al.		
A66	5,445,934	Aug 29, 1995	Fodor et al.		
A67	5,487,993	Jan 30, 1996	Herrmstadt, C.		
A68	5,552,314	Sep 3, 1996	Greener, Alan L.		

**EXAMINER****DATE CONSIDERED**

Substance Disclosure Statement Form (PTO-1449)

\* EXAMINER: Indicate if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1. Applicant's unique citation designation number (optional) 2. Applicant is to place a check mark here if English language Translation is attached

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<b>Application Number</b>	10/622,088
<b>Filing Date</b>	Jul 18, 2003
<b>First Named Inventor</b>	Robert BENNETT
<b>Art Unit</b>	1648
<b>Examiner Name</b>	Horning, Michelle S.

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Attorney Docket No: IVGN 332

**US PATENT DOCUMENTS**

Examin er Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A69	5,583,038	Dec 10, 1996	Stover, C. K.		
A70	5,605,802	Feb 25, 1997	Trono et al.		
A71	5,624,826	Apr 29, 1997	Seishi et al.		
A72	5,654,185	Aug 5, 1997	Palsson et al.		
A73	5,695,971	Dec 9, 1997	Kadokami et al.		
A74	5,731,149	Mar 24, 1998	Selsted et al.		
A75	5,736,388	Apr 7, 1998	Chada, et al.		
A76	5,744,305	Apr 28, 1998	Fodor et al.		
A77	5,746,997	May 5, 1998	Reed, Michael W.		
A78	5,777,079	Jul 7, 1998	Tsien et al.		
A79	5,789,375	Aug 4, 1998	Mukae et al.		
A80	5,804,431	Sep 8, 1998	Palsson, Bernhard		
A81	5,807,522	Sep 15, 1998	Brown et al.		
A82	5,811,274	Sep 22, 1998	Palsson, Bernhard		
A83	5,827,657	Oct 27, 1998	Herrnstadt et al.		
A84	5,846,721	Dec 8, 1998	Soares et al.		
A85	5,910,438	Jun 8, 1999	Bernard et al.		
A86	5,922,535	Jul 13, 1999	Huo, L.		
A87	5,939,301	Aug 17, 1999	Hughes et al.		
A88	5,958,681	Sep 28, 1999	Wetmier et al.		
A89	5,965,408	Oct 12, 1999	Short, Jay M.		
A90	5,981,182	Nov 9, 1999	Jacobs et al.		
A91	5,989,835	Nov 23, 1999	Dunlay et al.		
A92	5,994,136	Nov 30, 1999	Naldini et al.		
A93	6,013,440	Jan 11, 2000	Lipshutz et al.		
A94	6,057,098	May 2, 2000	Buechler et al.		
A95	6,083,712	Jul 4, 2000	Birch et al.		
A96	6,090,590	Jul 18, 2000	Kao, C. C.		
A97	6,110,426	Aug 29, 2000	Shalon et al.		
A98	6,112,421	Sep 5, 2000	Greene, Todd M.		
A99	6,117,635	Sep 12, 2000	Nazarenko et al.		
A100	6,140,086	Oct 31, 2000	Fox et al.		
A101	6,143,530	Nov 7, 2000	Crouzet et al.		
A102	6,171,820	Jan 9, 2001	Short, Jay M.		

EXAMINER

DATE CONSIDERED

Supplementary Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language translation is attached

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***Complete if Known*

<b>Application Number</b>	10/622,088
<b>Filing Date</b>	Jul 18, 2003
<b>First Named Inventor</b>	Robert BENNETT
<b>Art Unit</b>	1648
<b>Examiner Name</b>	Horning, Michelle S.

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Attorney Docket No: IVGN 332

**US PATENT DOCUMENTS**

Examin er Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A103	6,174,669		Jan 16, 2001	Hayashizaki et al.	
A104	6,180,407		Jan 30, 2001	Bernard et al.	
A105	6,238,884		May 29, 2001	Short, et al.	
A106	6,248,526		Jun 19, 2001	Weimer, Thomas	
A107	6,258,536		Jul 10, 2001	Oliner et al.	
A108	6,261,776		Jul 17, 2001	Pirrunig et al.	
A109	6,265,546		Jul 24, 2001	Cohen et al.	
A110	6,268,169		Jul 31, 2001	Fahnestock, Stephen R.	
A111	6,277,632		Aug 21, 2001	Harney, Peter D.	
A112	6,277,710		Aug 21, 2001	Kim, Hyun Tae	
A113	6,280,977		Aug 28, 2001	Liang et al.	
A114	6,291,183		Sep 18, 2001	Pirrunig et al.	
A115	6,291,213		Sep 18, 2001	Rothstein, Rodney	
A116	6,316,608		Nov 13, 2001	Reynolds et al.	
A117	6,322,973		Nov 27, 2001	Bostian et al.	
A118	6,340,595		Jan 22, 2002	Vogels et al.	
A119	6,346,413		Feb 12, 2002	Fodor et al.	
A120	6,352,842		Mar 5, 2002	Short et al.	
A121	6,358,709		Mar 19, 2002	Short et al.	
A122	6,361,974		Mar 26, 2002	Short et al.	
A123	6,395,524		May 28, 2002	Loeb et al.	
A124	6,451,536		Sep 17, 2002	Fodor et al.	
A125	6,455,254		Sep 24, 2002	Short, Jay M.	
A126	6,476,209		Nov 5, 2002	Glenn et al.	
A127	6,479,258		Nov 12, 2002	Short, Jay M.	
A128	6,489,145		Dec 3, 2002	Short, Jay M.	
A129	6,495,318		Dec 17, 2002	Harney, Peter D.	
A130	6,506,559		Jan 14, 2003	Fire et al.	
A131	6,506,560		Jan 14, 2003	Hughes et al.	
A132	6,537,776		Mar 25, 2003	Short, Jay M.	
A133	6,548,277		Apr 15, 2003	Shuman, Stewart	
A134	6,573,099		Jun 3, 2003	Graham, M.	
A135	6,576,424		Jun 10, 2003	Fodor et al.	
A136	6,576,463		Jun 10, 2003	Kasahara et al.	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form PTO-1449

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 606. Cross through each if not in conformance and not considered. Include copy of this form with next communication to applicant. 1) Applicant's unique citation designation number (optional). 2) Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
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<b>Application Number</b>	10/622,088
<b>Filing Date</b>	Jul 18, 2003
<b>First Named Inventor</b>	Robert BENNETT
<b>Art Unit</b>	1648
<b>Examiner Name</b>	Horning, Michelle S.

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Attorney Docket No: IVGN 332

**US PATENT DOCUMENTS**

Examin er Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A137	6,576,464		Jun 10, 2003	Gold et al.	
A138	6,576,752		Jun 10, 2003	Manoharan et al.	
A139	6,599,697		Jul 29, 2003	Sodoyer et al.	
A140	6,605,449		Aug 12, 2003	Short, Jay M.	
A141	6,610,482		Aug 26, 2003	Fodor et al.	
A142	6,632,600		Oct 14, 2003	Short, Jay M.	
A143	6,652,878		Nov 25, 2003	Webb et al.	
A144	6,653,106		Nov 25, 2003	Shuman et al.	
A145	6,656,082		Dec 2, 2003	Yamada et al.	
A146	6,670,129		Dec 30, 2003	Webb et al.	
A147	6,671,958		Jan 6, 2004	Savolainen et al.	
A148	6,709,841		Mar 23, 2004	Short, Jay M.	
A149	6,713,279		Mar 30, 2004	Short, Jay M.	
A150	6,713,282		Mar 30, 2004	Short et al.	
A151	6,740,506		May 25, 2004	Short et al.	
A152	6,773,900		Aug 10, 2004	Short et al.	
A153	6,872,551		Mar 29, 2005	Lima et al.	
A154	6,884,612		Apr 26, 2005	Maruyama et al.	
A155	6,902,933		Jun 7, 2005	Uhler, Michael	
A156	6,916,232		Jul 12, 2005	Mastro et al.	
A157	6,960,467		Nov 1, 2005	Shieh et al.	
A158	6,964,861		Nov 15, 2005	Gerard et al.	
A159	7,026,141		Apr 11, 2006	Shuman, Stewart	
A160	7,078,501		Jul 18, 2006	Heyman et al.	
A161	7,125,664		Oct 24, 2006	Minc-Colomb, Dahlia	
A162	7,175,806		Feb 13, 2007	Deal, Jeffery	
A163	7,176,029		Feb 13, 2007	Bernard et al.	
A164	7,179,644		Feb 20, 2007	Farmer, Andrew	
A165	7,214,515		May 8, 2007	Chiocca et al.	
A166	7,223,576		May 29, 2007	Hartley et al.	
A167	7,282,326		Oct 16, 2007	Hartley et al.	
A168	7,304,130		Dec 4, 2007	Hartley et al.	
A169	7,351,578		Apr 1, 2008	Cheo et al.	
A170	7,393,632		Jul 1, 2008	Cheo et al.	

**EXAMINER****DATE CONSIDERED**

Substitute for form Statement Form (PTO-1449)

• EXAMINER: Initial if reference considered, whether or not citation is in conformance with PGP-600. Draw line through initial if not in conformance and not considered. Include copy of this form with next communication to applicant. 1. Applicant's unique citation designation number (optional). 2. Applicant is to place a check mark here if English language Translation is attached.

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<b>Application Number</b>	10/622,088
<b>Filing Date</b>	Jul 18, 2003
<b>First Named Inventor</b>	Robert BENNETT
<b>Art Unit</b>	1648
<b>Examiner Name</b>	Horning, Michelle S.

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Attorney Docket No: IVGN 332

**US PATENT DOCUMENTS**

Examiner or Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or RelevantFigures Appear
A171	7,408,049		Aug 5, 2008	Hartley et al.	
A172	H153100		Jul 14, 1874	McNamee, John	
A173	60/108,324		Nov 13, 1998	Gerard, Gary	
A174	60/122,392		Mar 2, 1999	Brash et al.	
A175	60/136,744		May 28, 1999	Brash, Michael	
A176	60/161,403		Oct 25, 1999	Brasch, Michael	
A177	60/169,983		Dec 10, 1999	Brasch, Michael	
A178	60/188,000		Mar 9, 2000	Salta, Robert	
A179	60/284,528		Apr 19, 2001	Byrd, Devon	
A180	60/402,920		Aug 14, 2002	Cheo, David	
A181	60/475,004		Jun 3, 2003	Leong, Louis	

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Examiner Initials*	Cite No	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or RelevantFigures Appear	T <sup>4</sup>
B1	WO-00/12687		Mar 9, 2000	Miles et al.		
B2	WO-00/52027		Sep 8, 2000	Hartley et al.		
B3	WO-00/60091		Oct 12, 2000	Sauer et al.		
B4	WO-01/05961A1		Jan 25, 2001	Farmer, Andrew		
B5	WO-01/07572A2		Feb 1, 2001	Ow et al.		
B6	WO-01/07572A3		Feb 1, 2001	Ow et al.		
B7	WO-01/11058A1		Feb 15, 2001	Borokov et al.		
B8	WO-01/62892A2		Aug 30, 2001	Ji et al.		
B9	EP-0160571A2		Jun 11, 1985	Backman, Keith		
B10	WO-02/05294A1		Jan 17, 2002	Potter, Robert		
B11	WO-02046372		Jun 13, 2002	Chesnut et al.		
B12	EP-0220009A2		Apr 29, 1987	Sauer, Brian		
B13	EP-0300422A2		Jan 25, 1989	Enquist et al.		
B14	EP-0373914		Jun 20, 1990	Sonenberg et al.		
B15	EP-0542466		May 19, 1993	Peakman et al.		

EXAMINER

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Supplementary Disclosure Statement Form, PTO-1449

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to  
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Application Number	10/622,088
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First Named Inventor	Robert BENNETT
Art Unit	1648
Examiner Name	Horning, Michelle S.

Sheet	7	of	35	Attorney Docket No: IVGN 332
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B16	EV-0542466A2	May 19, 1993	Peakman, Timothy C.	
B17	EP-0625572	Nov 23, 1994	Kato et al.	
B18	EP-0672191	Sep 26, 2001	Royer et al.	
B19	EP-1018549	Jan 4, 1999	Hayashizaki et al.	
B20	EP-1035208A1	Sep 13, 2000	Saito et al.	
B21	JP-10510716	Oct 20, 1998	Shuman, Stewart	
B22	EP-1227147A3	Aug 14, 2002	Hartley et al.	
B23	WO-1990/11375	Oct 4, 1990	Brenner et al.	
B24	WO-1991/016427	Oct 31, 1991	Short et al.	
B25	WO-1991/02801	Mar 7, 1991	Sternberg, Nat L.	
B26	WO-1991/09957	Jul 11, 1991	Odell et al.	
B27	WO-1992/015694	Sep 17, 1992	Wahl et al.	
B28	WO-1992/020791	Nov 26, 1992	Winter et al.	
B29	WO-1992/22650	Dec 23, 1992	Bebee et al.	
B30	WO-1993/013423	Jul 8, 1993	Akong, Michael A.	
B31	WO-1993/015191	Aug 5, 1993	Bebee et al.	
B32	WO-1993/019172	Sep 30, 1993	Johnson et al.	
B33	WO-1994/001927	Jan 20, 1994	Reynolds, David C.	
B34	WO-1994/017176	Aug 4, 1994	Hodges et al.	
B35	WO-1994/018333	Aug 18, 1994	Boyd, Alan C.	
B36	WO-1995/000555	Jan 5, 1995	Stewart, Francis	
B37	WO-1996/004393	Feb 15, 1996	Oliver et al.	
B38	WO-1996/040724	Dec 19, 1996	Hartley et al.	
B39	WO-1996/30498	Oct 3, 1996	Jakobovits et al.	
B40	WO-1996/40724	Dec 19, 1996	Hartley et al.	
B41	WO-1997/006265	Feb 20, 1997	Bridgham et al.	
B42	WO-1997/009436	Mar 13, 1997	Vancov et al.	
B43	WO-1997/024455	Jul 10, 1997	Chenchik et al.	
B44	WO-1997/025446	Jul 17, 1997	Kaleko, Michael	
B45	WO-1997/032481	Sep 12, 1997	Hardy, Stephen F.	
B46	WO-1998/010086	Mar 12, 1998	Wilson et al.	

EXAMINER

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Substitute Disclosure Statement Form (PTO-1448)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached.

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<b>Art Unit</b>	1648
<b>Examiner Name</b>	Homing, Michelle S.

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Attorney Docket No: IVGN 332

B47	WO-1998/038326	Sep 3, 1998	Hodgson et al.		
B48	WO-1998/053056	Nov 26, 1998	Cooke, Howard J.		
B49	WO-1999/010488	Mar 4, 1998	O'Gorman et al.		
B50	WO-1999/021977	May 6, 1999	Hartley et al.		
B51	WO-1999/025851	May 27, 1999	Saito et al.		
B52	WO-1999/032619	Jul 1, 1999	Fire et al.		
B53	WO-1999/055851	Nov 4, 1999	Tuttle et al.		
B54	WO-2000/002900	Jan 20, 2000	Hemmendorff et al.		
B55	WO-2000/042206	Jul 20, 2000	Sela et al.		
B56	WO-2000/049035	Aug 24, 2000	Sheen, Jen		
B57	WO-2000/052027	Sep 8, 2000	Hartley et al.		
B58	WO-2000/056878	Sep 28, 2000	Heyman et al.		
B59	WO-2000/060091	Oct 12, 2000	Sauer et al.		
B60	WO-2000/063397	Oct 26, 2000	Meulewaeter et al.		
B61	WO-2000/068722	Nov 9, 2000	Legrain et al.		
B62	WO-2001/005961	Jan 25, 2001	Farmer, Andrew		
B63	WO-2001/011058	Feb 15, 2001	Borokov et al.		
B64	WO-2001/020015	Mar 22, 2001	Sabatini, David M.		
B65	WO-2001/025466	Apr 12, 2001	Slingsby et al.		
B66	WO-2001/031039	May 3, 2001	Brasch et al.		
B67	WO-2001/042509	Jun 14, 2001	Cheo et al.		
B68	WO-2001/057242	Aug 9, 2001	Stack et al.		
B69	WO-2001/062943	Aug 30, 2001	Heyman et al.		
B70	WO-2001/068836	Sep 20, 2001	Beach et al.		
B71	WO-2001/086001	Nov 15, 2001	Cook et al.		
B72	WO-2002/000875	Jan 3, 2002	Clark, Robin		
B73	WO-2002/016594	Feb 28, 2002	Chesnut et al.		
B74	WO-2002/042447	May 30, 2002	Uhler, Michael D.		
B75	WO-2002/061034	Aug 8, 2002	Carrino et al.		
B76	WO-2002/077264	Oct 3, 2002	Sabatini, David M.		
B77	WO-2002/086114	Oct 31, 2002	Sugio et al.		

EXAMINER

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Supplementary Disclosure Statement Form PTO-1440

• EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP-600. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

*Complete if Known*

<b>Application Number</b>	10/622,088
<b>Filing Date</b>	Jul 18, 2003
<b>First Named Inventor</b>	Robert BENNETT
<b>Art Unit</b>	1648
<b>Examiner Name</b>	Horning, Michelle S.

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B78	WO-2003/025161	Mar 27, 2003	Farmer et al.		
B79	WO-2003/089600	Oct 30, 2003	Uhler, Michael D.		
B80	CA-2141412	Feb 17, 1994	Bernard et al.		
B81	CA-2226463	Dec 19, 2006	Brasch et al.		
B82	WO-90/11375	Oct 4, 1990	Brenner, Sydney		
B83	WO-91/02801	Mar 7, 1991	Sternberg, Nat		
B84	WO-91/09957	Apr 11, 1991	Odell et al.		
B85	WO-91/16427	Oct 31, 1991	Short et al.		
B86	WO-92/15694	Sep 17, 1992	Campbell et al.		
B87	WO-92/20791	Nov 26, 1992	Winter et al.		
B88	WO-92/22650	Dec 23, 1992	Bebee et al.		
B89	WO-93/15191	Aug 5, 1993	Bebee et al.		
B90	WO-93/19172	Sep 30, 1993	Johnson et al.		
B91	WO-94/03624	Feb 17, 1994	Auerbach, Jeffrey		
B92	WO-94/09127	Apr 28, 1994	Adhya et al.		
B93	WO-94/17176	Aug 4, 1994	Hodges et al.		
B94	WO-94/18333	Aug 18, 1994	Boyd et al.		
B95	WO-95/00555	Jan 5, 1995	Stewart, Francis		
B96	WO-96/04393	Feb 15, 1996	Oliver et al.		
B97	WO-96/40722	Dec 19, 1996	Mascarenhas et al.		
B98	WO-96/40724	Dec 19, 1996	Hartley et al.		
B99	WO-97/06265	Feb 20, 1997	Brigham et al.		
B100	WO-97/09436	Mar 13, 1997	Vancov et al.		
B101	WO-97/25446	Jul 17, 1997	Kaleko, Michael		
B102	WO-97/32481	Sep 12, 1997	Hardy, Stephen		
B103	WO-98/53056	Nov 26, 1998	Huber, Bernard		
B104	WO-99/10488	Mar 4, 1999	O'Gorman et al.		
B105	WO-99/21977	May 6, 1999	Hartley et al.		
B106	WO-99/25851	May 27, 1999	Saito et al.		
B107	WO-99/55851	Nov 4, 1999	Tuttle et al.		

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Supplementary Disclosure Statement Form PTO-1449

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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*Complete if Known*

<b>Application Number</b>	10/622,088
<b>Filing Date</b>	Jul 18, 2003
<b>First Named Inventor</b>	Robert BENNETT
<b>Art Unit</b>	1648
<b>Examiner Name</b>	Horning, Michelle S.

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Attorney Docket No: IVGN 332

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
C1		"International Search Report for International Application No. PCT/US98/22589, mailed February 5, 1999", 3	
C2	00818077.6,	"Office Action mailed 02/06/09"	
C3	00818077.6,	"Response to 02/06/09 Office Action mailed", filed on 05/20/09	
C4	00914799.2,	"European Search Report mailed on 03/26/2004", 1	
C5	02001134.2,	"European Search Report mailed 06/10/02"	
C6	02001135.9,	"European Search Report mailed 06/11/02"	
C7	02001135.9,	"European Search Report mailed 09/16/2002"	
C8	03765705.3,	"European Search Report mailed on 01/17/2008", 1-6	
C9	08153538.7,	"Office action mailed on 9/7/09", 1	
C10	09/177,387,	"Office Action mailed 01/25/01"	
C11	09/177,387,	"Office Action mailed 03/15/99"	
C12	09/177,387,	"Office Action mailed 05/22/2000"	
C13	09/177,387,	"Office Action mailed 06/24/99"	
C14	09/177,387,	"Office Action mailed 07/26/04"	
C15	09/177,387,	"Office Action mailed 10/11/01"	
C16	09/177,387,	"Response to 01/25/01 Office Action, Filed on 07/25/01"	
C17	09/177,387,	"Response to 03/15/99 Office Action, Filed 04/15/99"	
C18	09/177,387,	"Response to 05/22/00 Office Action, Filed on 08/22/00"	
C19	09/177,387,	"Response to 09/24/99 Office Action, Filed on 12/23/99"	
C20	09/296,281,	"Abandoned App# 09/296,281, Filed 04/22/99. Hartley, James."	
C21	09/432,085,	"Notice of Allowance mailed 06/28/07"	
C22	09/432,085,	"Office Action mailed 01/12/01"	
C23	09/432,085,	"Office Action mailed 02/07/07"	
C24	09/432,085,	"Office Action mailed 04/09/03"	
C25	09/432,085,	"Office Action mailed 06/16/05"	
C26	09/432,085,	"Office Action mailed 07/16/04"	
C27	09/432,085,	"Office Action mailed 12/19/01"	
C28	09/432,085,	"Office Action mailed 12/24/2003", 1-10	
C29	09/432,085,	"Office Action mailed 12/28/2004", 1-29	
C30	09/432,085,	"Office Action mailed 2/22/2006", 1-7	
C31	09/432,085,	"Response to 01/12/01 Office Action, Filed 7/12/01"	
C32	09/432,085,	"Response to 02/07/07 Notice of Non-Compliant Amendment, Filed 03/05/07"	

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Supplemental Disclosure Statement Form (PTO-1149)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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<b>Application Number</b>	10/622,088
<b>Filing Date</b>	Jul 18, 2003
<b>First Named Inventor</b>	Robert BENNETT
<b>Art Unit</b>	1648
<b>Examiner Name</b>	Horning, Michelle S.

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Attorney Docket No: IVGN 332

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
C33	09/432,085	"Response to 04/09/03 Office Action, Filed 10/09/03"	
C34	09/432,085	"Response to 07/16/04 Office Action, Filed 10/18/04"	
C35	09/432,085	"Response to 12/19/01 Office Action, Filed 01/24/03"	
C36	09/432,085	"Response to 12/24/03 Office Action, Filed 04/26/04"	
C37	09/432,085	"Response to 12/28/04 Office Action, Filed 03/28/05"	
C38	09/432,085	"Response to 2/22/06 Office Action, Filed 7/24/06"	
C39	09/432,085	"Response to 6/16/05 Office Action, Filed 12/16/05"	
C40	09/432,085	"Supplemental Notice of Allowance 08/07/2007", 1-5	
C41	09/438,358	"Pending U.S. Non-Provisional Patent Application No. 09/438,358 filed on November 12, 1989", 1-86	
C42	09/498,074	"Pending U.S. Non-Provisional Patent Application No. 09/498,074, filed February 4, 2000"	
C43	09/517,466	"Final Office Action Mailed on 04/10/09", 3 pgs	
C44	09/517,466	"Office Action mailed 03/22/2007", 1-10	
C45	09/517,466	"Office Action mailed 09/04/08", 1-2	
C46	09/517,466	"Office Action Mailed 09/30/09", 1	
C47	09/517,466	"Office Action mailed 10/19/07", 1-5	
C48	09/517,466	"Office Action mailed 11/18/2005", 1-64	
C49	09/517,466	"Pending U.S. Non-Provisional Patent Application No. 09/517,466, filed March 2, 2000"	
C50	09/695,065	"Office Action mailed 02/23/05", 1-54	
C51	09/695,065	"Office Action mailed 03/10/06", 1-29	
C52	09/695,065	"Office Action mailed 03/24/2004", 1-64	
C53	09/695,065	"Office Action mailed 07/17/01", 1-91	
C54	09/695,065	"Office Action mailed 08/12/2003", 1-6	
C55	09/695,065	"Office Action mailed 10/27/2004", 1-33	
C56	09/695,065	"Office Action mailed 4/11/02", 1-14	
C57	09/695,065	"Response to 02/23/05 Office Action", Filed 03/29/05, 1-3	
C58	09/695,065	"Response to 03/24/04 Office Action", Filed on 06/23/04, 1-9	
C59	09/695,065	"Response to 04/11/02 Office Action", Filed on 04/11/03, 1-2	
C60	09/695,065	"Response to 05/24/01 Office Action", Filed on 06/21/01, 1-4	
C61	09/695,065	"Response to 07/17/2001 Office Action, Filed 01/17/2002", 1-4	
C62	09/695,065	"Response to 08/12/03 Office Action", Filed on 10/10/03, 1-2	
C63	09/695,065	"Response to 10/27/04 Office Action, Filed on 01/27/2005", 1-2	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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*Complete if Known*

<b>Application Number</b>	10/622,088
<b>Filing Date</b>	Jul 18, 2003
<b>First Named Inventor</b>	Robert BENNETT
<b>Art Unit</b>	1648
<b>Examiner Name</b>	Horning, Michelle S.

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**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Case No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
C64	09/695,065.	"Restriction Election Received", Mailed 05/24/01, 1-7	
C65	09/732,914.	"Unverified English Language Translation of Document AS219", 7/1/2008 , 1-2	
C66	09/843,083.	"Non-Final Office Action mailed 04/09/03"	
C67	09/855,797.	"Final Office Action received for U.S. Application No. 09/855,797 mailed on 06/20/07", 13	
C68	09/855,797.	"Final Office Action Received for U.S. Application No.09/855,797 mailed on 10/11/2005", 15	
C69	09/855,797.	"Non Final Office Action received for U.S. Application No. 09/855,797 mailed on 10/01/2004", 14	
C70	09/855,797.	"Non-Final Office Action received for U.S. Application No. 09/855,797 mailed on 04/08/2003", 75	
C71	09/855,797.	"Non-Final Office Action received for U.S. Application No. 09/855,797 mailed on 04/20/05", 16	
C72	09/855,797.	"Non-Final Office Action received for U.S. Application No. 09/855,797 mailed on 06/28/06", 16	
C73	09/855,797.	"Non-Final Office Action received for U.S. Application No. 09/855,797 mailed on 12/15/2006", 13	
C74	09/855,797.	"Non-Final Office Action received for U.S. Application No.09/855,797 mailed on 01/28/2008", 7	
C75	09/855,797.	"Non-Final Office Action received for U.S. Application No. 09/855,797 mailed on 10/28/2008", 15	
C76	09/855,797.	"Response to 01/28/2008 Office Action, filed on 7/28/2008"	
C77	09/855,797.	"Response to 06/28/2006 Office Action, filed on 09/28/2006", 12	
C78	09/855,797.	"Response to 10/01/04 Office Action, Filed 02/01/05"	
C79	09/855,797.	"Response to 10/11/05 Final OAOffice Action, Filed 04/11/06", 14	
C80	09/855,797.	"Response to 12/24/03 and 04/08/03 Office Actions, Filed 01/05/04"	
C81	09/855,797.	"Response to Final Office Action received for U.S. Application No. 09/855,797 filed on 10/31/2007", 10	
C82	09/855,797.	"Response to Non-Final Office Action received for U.S. Application No. 09/855,797 filed on 04/03/2007", 8	
C83	09/855,797.	"Response to Non-Final Office Action received for U.S. Application No.09/855,797 filed on 07/20/2005", 19	
C84	09/855,797.	"Response to Restriction Requirement received for U.S. Application No. 09/855,797 filed on 01/16/2003", 4	

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Substitute Disclosure Statement Form, PTO-1449

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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<i>Complete if Known</i>	
Application Number	10/622,088
Filing Date	Jul 18, 2003
First Named Inventor	Robert BENNETT
Art Unit	1648
Examiner Name	Homing, Michelle S.

Sheet	13	of	35	Attorney Docket No: IVGN 332
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**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C85	09/855,797, "Restriction Requirement received for U.S. Application No.09/855,797 mailed on 09/855,797", 5	
	C86	09/907,719, "Final Office Action mailed 7/13/04", 14	
	C87	09/907,719, "Final Office Action mailed 7/2/03", 7	
	C88	09/907,719, "Non Final Office Action received for U.S. Application No. 09/907,719, mailed on 01/29/2004", 1-10	
	C89	09/907,719, "Non-Final Office Action mailed 9/7/07", 1	
	C90	09/907,719, "Non-Final Office Action mailed 1/13/06", 13	
	C91	09/907,719, "Non-Final Office Action mailed 1/14/03", 1	
	C92	09/907,719, "Non-Final Office Action mailed 1/14/03", 62	
	C93	09/907,719, "Non-Final Office Action mailed 1/14/2003", 4	
	C94	09/907,719, "Non-Final Office Action mailed 1/29/04"	
	C95	09/907,719, "Non-Final Office Action mailed 1/29/04", 1	
	C96	09/907,719, "Non-Final Office Action mailed 1/29/04", 53	
	C97	09/907,719, "Non-Final Office Action mailed 10/30/07", 1	
	C98	09/907,719, "Non-Final Office Action mailed 11/1/04", 24	
	C99	09/907,719, "Non-Final Office Action mailed 11/6/03", 55	
	C100	09/907,719, "Non-Final Office Action mailed 11/6/03", 5	
	C101	09/907,719, "Non-Final Office Action mailed 12/10/04", 6	
	C102	09/907,719, "Non-Final Office Action mailed 12/28/04", 14	
	C103	09/907,719, "Non-Final Office Action mailed 12/28/04", 19	
	C104	09/907,719, "Non-Final Office Action mailed 2/27/02", 6	
	C105	09/907,719, "Non-Final Office Action mailed 3/21/08", 7	
	C106	09/907,719, "Non-Final Office Action mailed 3/21/08", 1	
	C107	09/907,719, "Non-Final Office Action mailed 5/24/04", 9	
	C108	09/907,719, "Non-Final Office Action mailed 7/2/03", 1	
	C109	09/907,719, "Office Action mailed 01/14/03", 1-5	
	C110	09/907,719, "Office Action mailed 03/21/2008", 1-8	
	C111	09/907,719, "Office Action mailed 03/28/06", 1-10	
	C112	09/907,719, "Office Action mailed 07/02/03"	
	C113	09/907,719, "Office Action mailed 09/07/2007", 1-8	
	C114	09/907,719, "Office Action mailed 10/02/2002", 1-5	
	C115	09/907,719, "Office Action mailed 12/13/2006", 1-8	
	C116	09/907,719, "Office Action mailed 12/28/2004", 1-33	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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<i>Complete if Known</i>	
Application Number	10/622,088
Filing Date	Jul 18, 2003
First Named Inventor	Robert BENNETT
Art Unit	1648
Examiner Name	Horning, Michelle S.

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Attorney Docket No: IVGN 332

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

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C117	09/907,719,	"Office Action received for U.S. Application No. 09/907,719 mailed on 07/26/2005", 1-12	
C118	09/907,719,	"Response to 01/14/03 Office Action, Filed 04/11/03"	
C119	09/907,719,	"Response to 03/28/06 Office Action, Filed on 09/28/06"	
C120	09/907,719,	"Response to 07/02/03 Office Action, Filed on 11/03/03"	
C121	09/907,719,	"Response to 07/13/04 Office Action, Filed on 10/13/04"	
C122	09/907,719,	"Response to 07/26/05 Office Action, Filed on 12/19/05"	
C123	09/907,719,	"Response to 09/07/07 Office Action, Filed on 10/30/07"	
C124	09/907,719,	"Response to 10/02/02 Office Action, Filed on 11/04/02"	
C125	09/907,719,	"Response to 10/02/02 Restriction Requirement, Filed on 11/04/02"	
C126	09/907,719,	"Response to 12/13/06 Office Action, Filed on 06/13/07"	
C127	09/907,719,	"Response to 12/28/04 Office Action, Filed on 04/28/05"	
C128	09/907,719,	"Response to Non Final Office Action received for U.S. Application 09/907,719, filed on 04/29/2004", 1-40	
C129	09/907,900,	"Non-Final Office Action mailed 10/23/01", 4	
C130	09/907,900,	"Non-Final Office Action mailed 2/17/04", 2	
C131	09/907,900,	"Non-Final Office Action mailed 4/8/03", 8	
C132	09/907,900,	"Non-Final Office Action mailed 4/8/03", 61	
C133	09/984,239,	"Pending U.S. Non-Provisional Patent Application No. 09/984,239 filed October 29, 2001"	
C134	09/985,448,	"Non Final Office Action mailed 1/22/02", 64	
C135	09/985,448,	"Non Final Office Action mailed 3/3/04", 6	
C136	09/985,448,	"Non Final Office Action mailed 5/20/04", 9	
C137	09/985,448,	"Non Final Office Action mailed 5/20/04", 120	
C138	09/985,448,	"Non Final Office Action mailed 5/20/04", 1	
C139	09/985,448,	"Non Final Office Action mailed 7/9/03", 44	
C140	09/985,448,	"Non Final Office Action mailed 9/25/03", 17	
C141	09/985,448,	"Non-Final Office Action mailed 12/28/04", 2	
C142	09/985,448,	"Office Action mailed 02/04/2004", 4	
C143	09/985,448,	"Response to 2/4/2004 Office Action", filed 03/03/2004, 2	
C144	09/987,719,	"Non-Final Office Action mailed 7/26/05", 12	
C145	09/157008.5,	"Extended European Search report mailed on 10/06/09"	
C146	10/005,876,	"Pending Non-Provisional United States Patent Application No. 10/005,876 Filed December 7, 2001- Chestnut"	
C147	10/058,291,	"Final Office Action mailed 11-26-08", 1-6	

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<b>Application Number</b>	10/622,088
<b>Filing Date</b>	Jul 18, 2003
<b>First Named Inventor</b>	Robert BENNETT
<b>Art Unit</b>	1648
<b>Examiner Name</b>	Horning, Michelle S.

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**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

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Application Number	10/622,088
Filing Date	Jul 18, 2003
First Named Inventor	Robert BENNETT
Art Unit	1648
Examiner Name	Horning, Michelle S.

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C180	10/162,879,	"Office Action mailed 04/28/2005", 1-17	
C181	10/162,879,	"Office Action mailed 06/18/2007", 1-3	
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C186	10/162,879,	"Response to 10/03/06 and 06/18/2007 Office Actions, Filed on 12/18/07", 1-6	
C187	10/162,879,	"Response to 10/03/06 Office Action, Filed on 04/02/07"	
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<b>First Named Inventor</b>	Robert BENNETT
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<b>Examiner Name</b>	Horning, Michelle S.

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C210	10/815,730	"Final Office Action mailed 07/13/2007"	
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Filing Date	Jul 18, 2003
First Named Inventor	Robert BENNETT
Art Unit	1648
Examiner Name	Horning, Michelle S.

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Supplementary Examination Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP-809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Application is placed in a check mark here if English language translation is attached.

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<b>Application Number</b>	10/622,088
<b>Filing Date</b>	Jul 18, 2003
<b>First Named Inventor</b>	Robert BENNETT
<b>Art Unit</b>	1648
<b>Examiner Name</b>	Horning, Michelle S.

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**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 605. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1Applicant's unique citation designation number (optional) 2Applicant is to place a check mark here if English language Translation is attached

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Application Number	10/622,088
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First Named Inventor	Robert BENNETT
Art Unit	1648
Examiner Name	Horning, Michelle S.

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<b>Art Unit</b>	1648
<b>Examiner Name</b>	Horning, Michelle S.

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